# SUMMARY

A self-taught software developer with a love of both web and .NET technologies such as HTML5, CSS3, JavaScript, C#, and ASP.NET MVC. Leverages both formal and informal training to provide software and hardware expertise.

# SKILLS

Languages – HTML5, CSS3, JavaScript, C#, VB.NET, SQL

Frameworks and Libraries – ASP.NET MVC, jQuery

Operating Systems – Windows, Linux

Software – Visual Studio 2013 & 2015, SQL Server Management Studio

Hardware – PC hardware design and setup

General – Technical writing, analytical problem solving, working in teams, working independently

# EXPERIENCE

Software Engineer – Satuit Technologies – Aug. 2016 to Present

* Write efficient and robust code that promotes maintainability, reusability, performance, and scalability
* Manage deliverables and meet deadlines
* Perform initial testing on code before releasing code for formal testing and document known issues
* Continuously stay up to date on the latest technologies

Software developer – CABEM Technologies – Sep. 2015 to Present

* Develop, maintain, and support web applications for clients using HTML5, CSS3, jQuery, ASP.NET MVC, and SQL

computer Repair technician – Freelance – Dec. 2014 to Aug. 2015

* Identified and troubleshot various software and hardware issues in the clients’ PCs

web developer (Contract) – Harvard Graduate School of Education – Oct. 2014 to Nov. 2014

* Created and maintained web forms for various courses using HTML5, CSS3, and JavaScript
* Trained coworkers in the use of Certain event management software
* Created and maintained documentation for Certain event management software so anyone could learn to use it

computer Repair technician – Freelance – Oct. 2013 to Sep. 2014

* Identified and troubleshot various software and hardware issues in the clients’ PCs

associate software engineer – Accenture – Oct. 2012 to Sept. 2013

* Designed user interfaces for various projects based on client requirements using HTML5, CSS3, and PEGA PRPC
* Utilized various agile practices such as backlogs, user stories, and iterative and incremental development
* Trained new coworkers in user interface design using HTML5, CSS3, and PEGA PRPC
* Projects
  + Health Insurance (2012-2013) – A business process management application that streamlines health insurance registration and maintenance.

Role: UI Developer

Team: 14 members (3 frontend, 4 middleware, 4 backend, 3 project management)

* + - Resolved an issue involving lack of UI consistency by creating templates for regular use and encouraging coworkers to do the same
    - Learned HTML5 and CSS3 in order to provide UI customizations requested by client
    - Successfully delivered the product to the client within the 6 month time frame

computer Repair technician – Freelance – Feb. 2012 to Sep. 2012

* Identified and troubleshot various software and hardware issues in the clients’ PCs

IT service desk support (Contract) – Instron – Nov. 2011 to Jan. 2012

* Identified and troubleshot various software and hardware issues in a timely manner reducing overall client downtime
* Created and managed user accounts through active directory
* Maintained records of system changes and performed backups and file recovery
* Deployed services and systems using Symantec Ghost to fulfill needs of organization

IIT Intern – Museum of Science – Sept. 2010 to Dec. 2010

* Identified and troubleshot various software and hardware issues
* Created and managed user accounts through active directory

QA intern – Tatara Systems – Jan. 2010 to Apr. 2010

* Developed various scripts using Tcl and Expect to increase efficiency of work place
* Organized and maintained various documentation

# EDUCATION

Bachelor of Science in computer engineering technology from Wentworth Institute of Technology (2007-2011), Boston, MA

* GPA: 3.32
* WIT Merit Award Scholarship, Dean’s List Fall 2009
* Undergraduate Coursework: Technical Communications, Object-Oriented Programming with C++, Microcontrollers & Embedded Communications, Computer Systems Architecture, Computer Communications & Networks, Computer Science I using C, Intro to Operating Systems

Projects

**Automatic Window Blinds** (2011) - A device that opened and closed window blinds based on the temperature of the room and the amount of light outside. It used a single-board microcontroller in conjunction with a temperature sensor, a light sensor, and a rotary motor. Source code was written in C++.

* Resolved a motor overheating issue by adding sufficient delays to source code
* Successfully built a fully functional device within a 4 month time frame on a 3 member team

# PROFESSIONAL TRAINING

Books

HTML and CSS - Design and Build Website by Jon Duckett, JavaScript and JQuery - Interactive Front-End Web Development by Jon Duckett, Think Like a Programmer: An Introduction to Creative Problem Solving by V. Anton Spraul, Clean Code - A Handbook of Agile Software Craftsmanship by Robert C. Martin, Pro C# 5.0 and the .NET 4.5 Framework by Andrew Troelsen, Pro ASP.NET MVC 5 by Adam Freeman, Professional ASP.NET MVC 5 by Jon Galloway, Brad Wilson, Scott Allen, and David Matson

PluralSight

C# Fundamentals with C# 5.0 by Scott Allen, Relational Database Design by Hugo Kornelis, HTML5 Fundamentals by Craig Shoemaker, HTML5 Advanced Topics by Craig Shoemaker, CSS3 In-Depth by Estelle Weyl, JavaScript Fundamentals by Liam McLennan, Building Applications with ASP.NET MVC 4 by Scott Allen, ASP.NET MVC 4 Fundamentals by Scott Allen, ASP.NET MVC 5 Fundamentals by Scott Allen, Clean Code: Writing Code for Humans by Cory House, Introduction to SQL by Jon Flanders, C# Generics by Scott Allen, LINQ Fundamentals by Scott Allen, HTTP Fundamentals by Scott Allen, Introduction to ASP.NET 4 WebForms by Dan Wahlin and Fritz Onion, IIS for Developers by Steve Evans, C# Best Practices - Improving on the Basics by Deborah Kurata, C# Best Practices - Collections and Generics by Deborah Kurata

# PERSONAL PROJECTS

**GitHub**

[github.com/rmonfort](https://github.com/rmonfort)

[**Current Weather**](https://github.com/rmonfort/Weather)(2015) – A web app that accept a US zip code and outputs the weather in the area. It implements the weather API from Wunderground. C#, ASP.NET MVC, JSON, AJAX

[**Credit Card Validator**](https://github.com/rmonfort/CreditCardValidator) (2015) – A web app that validates Amex, Discover, Mastercard, and Visa card numbers. Implements the Luhn algorithm. C#, ASP.NET MVC